

XXXI.—*The LEPIDOPTERA-PHALÆNÆ of the Bahamas.* By
Sir GEORGE F. HAMPSON, Bart., B.A., F.Z.S., &c.

UP to last year no list of the Lepidoptera of the Bahamas had ever been published, and scattered descriptions of but very few species were all that was known of them. In the P. Z. S. 1900, pp. 197-203, Miss E. M. Sharpe published a list of the butterflies collected by Mr. J. L. Bonhote, which I now supplement by a list of the moths, with the exception of the Pterophoridaæ and Tineidæ, which are in the hands of Lord Walsingham. Besides Mr. Bonhote's material we have in the British Museum a few species collected by Mr. Neville Chamberlain in Andros, and I have added to the list the few described by other authors; but even now scarcely anything is known beyond the species found at Nassau, Mr. Bonhote's specimens having almost all been taken in the gardens of Government House at the electric light; and though on none of the islands does the land rise more than a few feet above sea-level and the physical features and vegetation are of a similar somewhat arid character, yet as such a prominent insect as *Composia fidellissima* is confined to one islet near Nassau and to the large island of Andros, I should expect a thorough exploration of the other islands to add considerably to the list of species. Of species which are not widely spread the greater part seem to occur also in Haiti; but our knowledge of the Lepidoptera of Cuba, Haiti, and the other larger West-Indian islands is so slight that it would be unsafe at present to enlarge on the origin of the Bahamas fauna.

Syntomidæ.

Bombiliodes carminata, sp. n.

♀. Differs from *B. capistrata* in the tegulæ and patagia being deep crimson; palpi crimson in front; throat white; sides of pectus and legs striped with crimson; abdomen deep crimson, with the sublateral white marks smaller and with a ventral series of short black bands.

Hab. Nassau (*Bonhote*), 1 ♀ type. *Exp.* 32 millim.

Eunomia latenigra, Butl. Journ. Linn. Soc., Zool. xii. p. 395 (1876); Hampson. Cat. Lep. Phal. B. M. i. p. 202, pl. vii. fig. 18.

Nassau (*Bonhote*), 3 ♂, 2 ♀; Andros (*Neville Chamberlain*), 1 ♂.

Pseudomya splendens, Druce, A. M. N. H. (6) ii. p. 240 (1888); Hmps. Cat. Lep. Phal. B. M. i. p. 262, pl. x. fig. 3.

Bahamas; not taken by Mr. Bonhote.

Empyreuma lichas, Fabr. Spec. Ins. ii., App. p. 505 (1781).
Nassau (*Bonhote*), 2 ♀.

Arctiadæ.

ARCTIANÆ.

Calidota strigosa, Wlk. iii. 615 (1855).

Andros (*Neville Chamberlain*), 1 ♂; Nassau (*Bonhote*), 2 ♂.

Utetheisa bella, Linn. Syst. Nat. i. p. 534 (1758); subsp. *speciosa*, Wlk. ii. 568.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Noctuidæ.

AGROTINÆ.

Agrotis ypsilon, Rott. Naturf. xi. p. 141.

Nassau (*Bonhote*), 2 ♀.

Agrotis malefida, Guen. Noct. i. p. 267.

Nassau (*Bonhote*), 1 ♂, 2 ♀.

MAMESTRINÆ.

Leucania solita, Wlk. ix. 99.

Nassau (*Bonhote*), 1 ♀.

CARADRININÆ.

Euplexia circuita, Guen. Noct. ii. p. 227.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Euplexia concisa, Wlk. ix. 191.

Celena punctifera, Wlk. x. 263.

Nassau (*Bonhote*), 1 ♂, 1 ♀; Andros (*Neville Chamberlain*), 1 ♀.

Prodenia commelina, Smith & Abb. Lep. Ins. Georgia, ii. 189, pl. xcv.

Nassau (*Bonhote*), 1 ♂.

Caradrina subaquila, Harvey, Can. Ent. x. p. 57 (1878).

Nassau (*Bonhote*), 1 ♂, 1 ♀. A small grey form.

NOCTUINÆ.

Erebus odora, Linn. Syst. Nat. ii. 811. 11.

Nassau (*Bonhote*), 1 ♂.

Homoptera lunata, Drury, Ins. i. 40, pl. xx. fig. 3.

Nassau (*Bonhote*), 1 ♂ of the ab. *edusa*, Drury.

Eubolina diffundens, Wlk. xv. 1688.

Nassau (*Bonhote*), 1 ♂, 7 ♀.

Melipotis famelica, Guen. Noct. iii. p. 62.

Nassau (*Bonhote*), 3 ♂, 4 ♀; Andros (*Neville Chamberlain*), 1 ♂.

Remigia repanda, Fabr. Ent. Syst. iii. 2. 49. 133.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Remigia megas, Guen. Noct. iii. p. 317.

Nassau (*Bonhote*), 1 ♂, 2 ♀; Andros (*Neville Chamberlain*), 1 ♂, 1 ♀.

Epidromia poaphiloides, Guen. Noct. iii. p. 315.

Nassau (*Bonhote*), 2 ♂, 1 ♀.

Teratocera ericata, Cram. Pap. Exot. p. 370, pl. cclxxxvii. E.

Nassau (*Bonhote*), 1 ♂; Andros (*Neville Chamberlain*), 1 ♀.

Ingura obrotunda, Guen. Noct. ii. p. 312.

Nassau (*Bonhote*), 5 ♂, 6 ♀; Andros (*Neville Chamberlain*), 1 ♀.

Parachabora triangulifera, sp. n.

♂. Head and thorax grey, the scales pencilled with brown; frons, vertex of head, tegulæ, and the crest behind them with salmon-pink spots; abdomen brown, with a prominent white band on second segment and slight segmental lines on the others, the sides variegated with red-brown towards extremity, the ventral surface white, the long anal tuft tinged with ochreous above. Fore wing brown, thickly pencilled with grey; a very oblique brown antemedial line, defined by white on outer side; a triangular golden brown patch extending from apex to below vein 3 and to below angle of cell, with

pure white points on it above and below vein 5, its upperside broadly defined by grey-white, extending in submedian fold to the antemedial line and shading into the greyer inner area. Hind wing semihyaline white, the veins of terminal half and the termen tinged with brown, the latter broadly so towards apex.

Hab. Nassau (*Bonhote*), 1 ♂ type. *Exp.* 30 millim.

Lussa nigroguttata, Grote, Can. Ent. xv. 127 (1883).

Stictoptera tumidicosta, Himpson, Trans. Ent. Soc. 1898, p. 249, pl. xvii. fig. 5.

Nassau (*Bonhote*), 1 ♀.

Phrygionis micca, Druce, Biol. Centr.-Am., Het. i. p. 319, pl. xxix. fig. 22.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Atethmia subusta, Hübn. Samml. exot. Schmett. ii. 8. 103, figs. 205, 206.

Nassau (*Bonhote*), 1 ♀.

Cydosia histrio, Fabr. Spec. Ins. ii. 203. 139.

Nassau (*Bonhote*), 2 ♂, 3 ♀; Andros (*Neville Chamberlain*), 1 ♂.

HYPENINÆ.

Nodaria acastusalis, Wlk. xvi. 122.

Nassau (*Bonhote*), 1 ♂.

Nodaria aræalis, sp. n.

Antennæ of male not knotted; fore tibia, but not the tarsus, covered with a sheath. Grey-brown, irrorated with fuscous; vertex of head with black point; abdomen fuscous, with grey segmental lines. Fore wing with subbasal blackish bar from costa to submedian fold; an antemedial black line expanding into a patch on inner area; a pale discoidal striga on a black spot, with blackish mark on costa above it and spot below it; a minutely waved postmedial line bent outwards from below costa to vein 3, then incurved; a sinuous subterminal line expanding into black spots in the sinuations; a terminal series of black points. Hind wings grey, irrorated and suffused with brown, the inner area paler; underside with fuscous discoidal point and waved postmedial and subterminal lines.

Hab. Nassau (*Bonhote*), 1 ♂. *Exp.* 14 millim.

Noduria pachypalpia, sp. n.

Palpi with a tuft of scales on inner side of both second and third joints at extremity; antennæ of male not knotted; fore tibia without sheath.

♂. Head blackish, irrorated with grey; thorax brown, irrorated with black; a black tuft on metathorax; tarsi black, ringed with grey; abdomen grey, irrorated with fuscous. Fore wing brown, irrorated with black; a basal black spot below the cell; a curved antemedial line; a medial shade; two black and white discoidal points; a minutely dentate postmedial line, angled outwards beyond lower angle of cell; a subterminal series of dentate black marks; a terminal series of black points. Hind wing pale brown, irrorated with black; traces of waved postmedial and subterminal lines.

♀. More rufous brown; fore wing striated with black; the lines indistinct; the medial shade absent; the black discoidal points on a white lunule; a small black and white spot on costa before apex; a terminal shade and subterminal series of minute streaks instead of the dentate marks; hind wing with the postmedial line more distinct and angled outwards at vein 1; a terminal shade; both wings with terminal lunulate black line.

Hab. Nassau (*Bonhote*), 1 ♂, 1 ♀. *Exp.*, ♂ 20, ♀ 26 millim. The female may turn out to be a distinct species from the male.

Tortricodes orneodalis, Guen. Delt. & Pyr. p. 73, ♂.

Herminia tagusalis, Wlk. xvi. 116, ♀.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Hypena lividalis, Hübn. Samml. eur. Schmett., Pyr. figs. 11, 186.

Nassau (*Bonhote*), 1 ♂.

Hypsidæ.

Composia fidellissima, H.-Schäff. Corresp. Regensb. xx. p. 131 (1866).

Nassau (*Bonhote*), 1 ♀; Andros (*Neville Chamberlain*), 3 ♂, 3 ♀.

Sphingidæ.*CHÆROCAMPINÆ.*

Pachylia ficus, Linn. Syst. Nat. i. p. 491 (1758).

Nassau (*Bonhote*), 1 ♂.

Chærocampa evana, Druce, A. M. N. H. (6) iv. p. 77 (1889).

Nassau (*Bonhote*), 1 ♂; Andros (*Neville Chamberlain*), 1 ♂, 1 ♀. *Exp.* 68 millim.

Calliomma pluto, Fabr. Gen. Ins. p. 274 (1777).

Nassau (*Bonhote*), 1 ♀; Andros (*Neville Chamberlain*), 1 ♂, 1 ♀.

SPHINGINÆ.

Protoparce cingulata, Fabr. Syst. Ent. p. 545 (1775).

Nassau (*Bonhote*), 1 ♀.

Pseudosphinx tetrio, Linn. Mant. Plant. p. 538 (1771).

Nassau (*Bonhote*), 1 ♂, 1 ♀.

MACROGLOSSINÆ.

Perigonia lusca, Fabr. Gen. Ins. p. 272 (1777).

Nassau (*Bonhote*), 1 ♀.

Notodontidæ.

Heterocampa bichorda, sp. n.

♀. Head and thorax grey-white, mixed with black scales; palpi black at sides; patagia with a black line at tips; metathorax with two black points; tibiæ and tarsi irrorated with black, the latter with black points; abdomen white, thickly irrorated with fuscous on dorsal surface. Fore wing grey-white, thickly irrorated with fuscous; a double waved sub-basal fuscous line from costa to submedian fold, then with oblique streak from its extremity to vein 1; a double ante-medial line, sinuous towards costa and inner margin; a double discoidal lunule; a double waved postmedial line, angled outwards below costa and at vein 4, then incurved, and with an oblique black shade beyond it from costa to vein 6; a slightly sinuous subterminal black line, angled outwards to termen at veins 3 and 2. Hind wing white, with some brown irroration on termen and a fuscous mark at tornus.

Hab. Nassau (*Bonhote*), 1 ♀. *Exp.* 46 millim.

Geometridæ.

BOARMIANÆ.

Merocausta vinosaria, sp. n.

♂. Head, thorax, and abdomen deep purple-red; head

darker, irrorated with grey; antennæ white at tips. Fore wing deep purple-red, with slight silvery-grey irroration. Hind wing brownish orange. Underside brownish orange, the costa and termen of fore wing and the hind wing suffused with purple-brown and with dark striæ.

Hab. Nassau (*Bonhote*), 1 ♂. *Exp.* 18 millim.

Phrygionis argentata, Drury, *Exot. Ins.* ii. p. 25, pl. xiv. fig. 2.

Nassau (*Bonhote*), 1 ♀.

Macaria inoptata, Wlk. xxiii. 892.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Macaria gentilata, Feld. *Reis. Nov.* pl. cxxviii. fig. 29.

Nassau (*Bonhote*), 1 ♀.

Macaria everiata, Guen. *Phal.* ii. p. 80.

Nassau (*Bonhote*), 6 ♀.

Numia terebintharia, Guen. *Phal.* i. p. 403.

Nassau (*Bonhote*), 1 ♂, 2 ♀.

Thysanopyga apicitruncaria, H.-Schäff. *Aussereur. Schmett.* fig. 536.

Nassau (*Bonhote*), 1 ♀.

Azelina nerissaria, Wlk. xx. 188.

Nassau (*Bonhote*), 1 ♀.

Boarmia delinquaria, Wlk. xxi. 360.

Nassau (*Bonhote*), 1 ♀.

Boarmia terraria, Guen. *Phal.* i. p. 390.

Nassau (*Bonhote*), 1 ♂.

LARENTIANÆ.

Scotosia stellata, Guen. *Ur. & Phal.* ii. p. 443.

Nassau (*Bonhote*), 2 ♂, 4 ♀.

Pterocypha defensata, Wlk. xxv. 1366.

Nassau (*Bonhote*), 1 ♂, 2 ♀.

GEOMETRINÆ.

Geometra frondaria, Guen. *Ur. & Phal.* i. p. 376.

Nassau (*Bonhote*), 1 ♂, 2 ♀.

Nemoria glauciptera, Hmps. A. M. N. H. (6) xvi. p. 333
(1895).

Nassau (*Bonhote*), 1 ♂, 2 ♀.

ACIDALIINÆ.

Ephyra nanaria, Wlk. xxii. 633.

Nassau (*Bonhote*), 2 ♀.

Chrysocraspeda insulsatia, Guen. Ur. & Phal. i. p. 469.

Nassau (*Bonhote*), 3 ♂, 3 ♀.

Craspedia yponomeutaria, Guen. Ur. & Phal. i. p. 471.

Nassau (*Bonhote*), 1 ♂.

Craspedia figurinata, Guen. Ur. & Phal. i. p. 473.

Nassau (*Bonhote*), 1 ♀.

Rhodostrophia phorcaria, Guen. Ur. & Phal. i. p. 470.

Nassau (*Bonhote*), 2 ♂, 1 ♀.

Rhodostrophia botydata, Wlk. xxii. 727.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Somatina terminata, Guen. Phal. i. p. 483.

Nassau (*Bonhote*), 1 ♂, 2 ♀.

Somatina fusaria, sp. n.

♂. White; palpi, frons, and stripes on fore and mid legs brown-pink; wings thickly irrorated with pale brown; an indistinct fine waved subterminal line; underside of fore wing with the costa brown-pink.

Hub. Nassau (*Bonhote*), 1 ♂. *Exp.* 24 millim.

Uraniadæ.

Dirades mamilata, Feld. Reis. Nov. pl. cxxxiii. fig. 18.

Nassau (*Bonhote*), 2 ♂, 3 ♀.

Limacodidæ.

Altha rufipuncta, sp. n.

♂. White; palpi black above; antennæ with the shaft above and branches black; tegulæ yellowish in front; tarsi

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blackish at extremity. Fore wing with ferruginous red spot on vein 2 near termen and patch of black scales at tornus.

Antennæ bipectinate to tips; fore wing with vein 7 from cell; 8, 9, 10 stalked.

Hab. Nassau (*Bonhote*), 1 ♂. *Exp.* 26 millim.

Psychidæ.

Animula sp., very near *A. Huebneri*, Westw., from Australia, in structure and appearance, but not in a condition to describe.

Nassau (*Bonhote*), 1 ♂.

Zygænidæ.

Setiodes bahamensis, Dyar, Ent. News Philad. x. p. 100 (1899).

Bahamas. Not taken by Mr. Bonhote.

Thyrididæ.

Rhodoneura myrsusalis, Wlk. xix. 892.

Nassau (*Bonhote*), 1 ♂.

Pyralidæ.

CRAMBINÆ.

Ptochostola incanella, Zell. Hor. Ent. Ross. xvi. p. 50.

Nassau (*Bonhote*), 1 ♀.

Crambus minuellus, Wlk. xxvii. 164.

Nassau (*Bonhote*), 3 ♂, 1 ♀.

Diatraea lineolata, Wlk. ix. 100.

Nassau (*Bonhote*), 1 ♂, 3 ♀.

Chilo funerellus, sp. n.

♂. Head and thorax dull black-brown; palpi below and pectus mixed with white; abdomen fuscous brown, greyish below. Fore wing dull black-brown, slightly tinged with greyish towards inner margin and termen; a minute terminal series of black points. Hind wing brownish, the inner area pale.

Hab. Nassau (*Bonhote*), 1 ♂. *Exp.* 26 millim.

PHYCITINÆ.

Plodia interpunctella, Hübn. Samml. eur. Schmett., Pyr. fig. 310.

Nassau (*Bonhote*), 2 ♂, 2 ♀.

Eurythmia hospitella, Zell. Verh. zool.-bot. Ges. Wien, 1872, p. 338.

Nassau (*Bonhote*), 1 ♀.

Unadilla stictella, sp. n.

Hind wing with veins 3-5 stalked.

Pale grey-brown; palpi at tips and frontal tuft blackish; abdomen with the extremity and anal tuft ochreous. Fore wing slightly irrorated with fuscous; traces of antemedial dark points on costa, median nervure, and vein 1; an oblique medial series of diffused spots almost forming a maculate line and nearly joined at inner margin by the similar oblique post-medial maculate line; a slight dark terminal line. Hind wing semihyaline white, tinged with brown towards termen and with terminal brown line.

Hab. Nassau (*Bonhote*), 1 ♂, 1 ♀. *Exp.* 10 millim.

Unadilla latercula, sp. n. (Zell. MS.).

Hind wing with veins 3-5 from cell.

♀. Head and thorax ferruginous; pectus, legs, and abdomen fuscous brown, the last ferruginous at base and extremity. Fore wing ferruginous to nearly half the length of wing, the terminal half fuscous brown. Hind wing brownish semihyaline, with terminal brown line.

Hab. Nassau (*Bonhote*), 1 ♀. *Exp.* 20 millim. Also 1 ♀ from Zeller Coll., marked "*Euzophera latercula*, Zell. M.S.: Mendez 11/12. Pet."

Ephestia cautella, Wlk. xxvii. 73 (1863).

Nassau (*Bonhote*), 3 ♂, 3 ♀.

Ephestia bipunctella, sp. n.

♂. Head and thorax white and pale brown; palpi with the extremity of second joint and medial part of third and antennæ blackish; pectus, legs, and abdomen white. Fore wing with slight costal fold at base on underside; the base of costa blackish; colour white, tinged with pale brown; antemedial brown spots on median nervure and vein 1; traces of the discoidal points and of an oblique diffused subterminal

line. Hind wing semihyaline white, with slight brown terminal line.

Hab. Nassau (*Bonhote*), 2 ♂. *Exp.* 12 millim.

Homœosoma longiventrella, Rag. Nouv. Gen. p. 34; id. Rom. Mém. viii. p. 253, pl. xxxv. fig. 17.

Nassau (*Bonhote*), 1 ♀.

Ephesiodes uniformella, sp. n.

♂. Head, thorax, and abdomen fuscous black. Fore wing greyish fuscous, with traces of three obliquely placed fuscous medial points and of the two discoidal points. Hind wing semihyaline, tinged with fuscous.

Hab. Nassau (*Bonhote*), 2 ♂. *Exp.* 12 millim.

Ephesiodes granulella, sp. n.

Head and thorax white and pale brown; abdomen ochreous white. Fore wing white, slightly tinged and irrorated with brown; three obliquely placed medial dark points; the two discoidal points prominent; an indistinct oblique subterminal line. Hind wing semihyaline white; the veins, costa, and termen tinged with brown. Underside of fore wing with the base of costal area and both wings with the inner area ochreous in male.

Hab. Nassau (*Bonhote*), 1 ♂, 1 ♀. *Exp.* 12 millim.

Genus ENCYSTIA, nov.

Proboscis fully developed; palpi porrect, downcurved, extending about twice the length of head; maxillary palpi of male brush-like, in a hollow of labial palpi, of female filiform; antennæ of male with the basal joint long, the base of shaft excised and strongly curved, then laminate. Fore wing with veins 2 and 3 from angle of cell, 4 and 5 strongly stalked, 6 from upper angle, 7 and 9 absent, 10 and 11 from cell. Hind wing with vein 2 from angle of cell, 3 and 5 strongly stalked, 4 absent; the discocellulars oblique; 6 and 7 stalked, 8 strongly anastomosing with 7.

Encystia Bonhoti, sp. n.

Head and thorax grey mixed with reddish brown; abdomen grey, tinged with fuscous, the extremity ochreous. Fore wing grey-white, the basal area tinged with brown; a subbasal blackish mark on inner area, largely developed in female; antemedial black spots in cell and on vein 1, with a brown point above them on costa; a brown streak on middle of costa; the medial area strongly irrorated with crimson,

leaving the medial costal area nearly pure white; the discoidal points indistinct; an obscure diffused waved subterminal line; some black points on termen except towards apex and tornus. Hind wing semihyaline white, the veins and termen tinged with brown.

Hab. Nassau (*Bonhote*), 3 ♂, 2 ♀. *Exp.* 16 millim.

Lætilia coccidivora, Comst. N. Am. Ent. i. p. 25, pl. iv. (1879).

Nassau (*Bonhote*), 1 ♀.

Nephoptyx ephestiella, sp. n.

♂. Head, thorax, and abdomen grey and dark brown. Fore wing grey, irrorated with dark brown; the basal area suffused with brown; the antemedial line thick on costal half, oblique from costa to submedian fold, angled inwards on vein 1, then outwards to inner margin; a brownish spot above middle of vein 1 and another on angle of discocellulars; three obliquely placed points on the veins beyond lower angle of cell; the grey subterminal line angled inwards on vein 5 and with obscure series of brown spots on the veins on its inner side; a terminal series of black points; cilia pale brownish, with fine pale line at base. Hind wing semihyaline white; the veins and a fine terminal line brown; cilia brownish, with fine pale line at base.

Hab. Nassau (*Bonhote*), 1 ♂. *Exp.* 2½ millim.

Elasmopalpus rubedinellus, Zell. Isis, 1848, p. 885.

Nassau (*Bonhote*), 1 ♀.

Phycita laidion, Zell. Hor. Ent. Ross. xvi. p. 211, pl. xii. fig. 27.

Nassau (*Bonhote*), 1 ♂, 2 ♀.

Phycita ptyonopoda, Hmps. A. M. N. H. (6) xvi. p. 347 (1895).

Nassau (*Bonhote*), 4 ♂, 2 ♀.

Etiella zinckenella, Tr. ix. 1, p. 201.

Nassau (*Bonhote*), 1 ♀.

Genus STYLOPALPIA, nov.

Proboscis fully developed; palpi with the second joint oblique, not reaching vertex of head, the third naked, very long and porrect; maxillary palpi filiform; antennæ of female almost simple. Fore wing narrow; vein 3 from before angle

of cell, 4 and 5 separate, 6 from below upper angle, 8 and 9 stalked, 10 and 11 from cell. Hind wing with the cell half the length of wing; vein 2 from well before angle, 3 from angle, 4 and 5 strongly stalked, 6 and 7 stalked, 8 free.

Stylopalpia luniferella, sp. n.

♀. Head and thorax brownish ochreous, irrorated with black; abdomen pale ochreous, irrorated with fuscous. Fore wing greyish, strongly irrorated with black, the costal and inner areas tinged with ochreous; a pale medial lunule extending from vein 2 to inner margin; the discoidal points distinct; a pale subterminal line excurved at middle and broken by blackish streaks below apex and above tornus; a terminal series of black points. Hind wing hyaline white; the apex and termen tinged with fuscous.

Hab. Jamaica; Bahamas, Nassau (*Bonhote*), 3 ♀. *Exp.* 24 millim.

Lipographis subossella, Rag. Rom. Mém. vii. p. 565, pl. xx. fig. 23.

Bahamas in Coll. Hulst; not taken by Mr. Bonhote.

EPIPASCHIANÆ.

Pococera melanogrammos, Zell. Verh. z.-b. Wien, 1872, p. 546, pl. iii. fig. 24.

Nassau (*Bonhote*), 1 ♀.

Pococera insularella, Rag. Ann. Soc. ent. Fr. 1888, p. 138.

Nassau (*Bonhote*), 1 ♀.

Pococera atramentalis, Led. Wien. ent. Mon. 1863, p. 347, pl. vii. fig. 11.

Nassau (*Bonhote*), 1 ♂, 6 ♀.

CHRYSAUGINÆ.

Streptopalpia deera, Druce, Biol. Centr.-Am., Het. ii. p. 195, pl. lx. fig. 1.

Nassau (*Bonhote*), 2 ♀.

PYBALINÆ.

Herculia tenuis, Butl. P. Z. S. 1888, p. 681.

Nassau (*Bonhote*), 1 ♀.

HYDROCAMPINÆ.

Ambia metalophota, Hmps. Trans. Ent. Soc. 1897, p. 166.

Nassau (*Bonhote*), 4 ♂, 3 ♀.

Piletocera bufalis, Guen. Delt. & Pyr. p. 245.

Nassau (*Bonhote*), 2 ♂, 1 ♀.

PYRAUSTINÆ.

Entephria callidalis, sp. n.

♀. Fulvous orange; the antennæ, vertex of thorax, and dorsal surface of abdomen suffused with black; legs white and fulvous. Fore wing with the medial area suffused with purplish fuscous, extending to termen on inner half and leaving a slight orange discoidal lunule; the postmedial line very obliquely curved from costa to vein 4, then inwardly oblique; cilia dark purplish brown. Hind wing with purplish-fuscous suffusion between veins 2 and 4 and on vein 1; a purplish fuscous terminal line and line through the cilia from apex to vein 2; underside with six black points on medial part of termen.

Hab. Nassau (*Bonhote*), 1 ♀. *Exp.* 16 millim.

Syngamia florella, Cram. Pap. Exot. iv. pl. cccxlviii. L.

Nassau (*Bonhote*), 2 ♂, 1 ♀.

Samea ecclesialis, Guen. Delt. & Pyr. p. 194, pl. vi. fig. 7.

Nassau (*Bonhote*), 5 ♀.

Pagyda traducalis, Zell. Lep. Caffr. p. 54.

Nassau (*Bonhote*), 1 ♀.

Bocchoris minima, Von Hedem. Stett. ent. Zeit. lv. p. 295.

Nassau (*Bonhote*), 2 ♂, 2 ♀.

Nacoleia iarchasalis, Wlk. xix. 983.

Nassau (*Bonhote*), 2 ♀.

Nacoleia stenialis, Guen. Delt. & Pyr. p. 231.

Nassau (*Bonhote*), 1 ♂.

Desmia tages, Cram. Pap. Exot. ii. pl. xevii. D.

Nassau (*Bonhote*), 2 ♀.

Zinckenia fascialis, Cram. Pap. Exot. iv. pl. cccxviii. O.

Nassau (*Bonhote*), 1 ♀.

Pilocrocis tripunctata, Fabr. Mant. Ins. ii. p. 213.

Nassau (*Bonhote*), 2 ♀.

Pilocrocis inguinalis, Guen. Delt. & Pyr. p. 346.

Nassau (*Bonhote*), 1 ♀.

Pilocrocis collustralis, Möschl. Abh. Senck. Ges. xiv. 3, p. 76.

Nassau (*Bonhote*), 3 ♂, 1 ♀.

Pilocrocis dryalis, Wlk. xviii. 573.

Nassau (*Bonhote*), 5 ♂.

Sylepta gordiulis, Guen. Delt. & Pyr. p. 374, pl. v. fig. 10.

Nassau (*Bonhote*), 1 ♀.

Sylepta helcitalis, Wlk. xviii. 574.

Nassau (*Bonhote*), 1 ♂, 2 ♀.

Sylepta onophasalis, Wlk. xviii. 735.

Nassau (*Bonhote*), 1 ♂, 7 ♀.

Glyphodes hyalinata, Linn. Syst. Nat. i. p. 874.

Nassau (*Bonhote*), 2 ♂, 3 ♀.

Glyphodes quadristigmalis, Guen. Delt. & Pyr. p. 304.

Nassau (*Bonhote*), 1 ♂, 3 ♀.

Glyphodes sibillalis, Wlk. xvii. 506.

Nassau (*Bonhote*), 1 ♀.

Syllepsis marialis, Poey, Lep. Cuba.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Ommatospila narcisusalis, Wlk. xix. 972.

Nassau (*Bonhote*), 1 ♀.

Hellula phidilealis, Wlk. xix. 972.

Nassau (*Bonhote*), 2 ♂.

Crocidolomia palindiulis, Guen. Delt. & Pyr. p. 380.

Nassau (*Bonhote*), 3 ♂, 2 ♀.

Pachyzancla pheopteralis, Guen. Delt. & Pyr. p. 349.

Nassau (*Bonhote*), 1 ♀.

Pachyzancla bipunctalis, Fabr. Ent. Syst. iii. 2, p. 227.

Nassau (*Bonhote*), 1 ♂.

Phlyctenodes ophionalis, Wlk. xvii. 316.

Nassau (*Bonhote*), 1 ♂, 1 ♀.

Phlyctenodes similalis, Guen. Delt. & Pyr. p. 405.

Nassau (*Bonhote*), 2 ♀.

Phlyctenodes oblitalis, Wlk. xxxiv. 1892.

Nassau (*Bonhote*), 1 ♀.

Pyrausta mopsalis, Wlk. xviii. 594.

Nassau (*Bonhote*), 3 ♂, 1 ♀.

XXXII.—*On some Deep-sea Fishes collected by Mr. F. W. Townsend in the Sea of Oman.* By G. A. BOULENGER, F.R.S.

[Plate VI.]

THE fishes listed in this paper were obtained by Mr. F. W. Townsend by means of a fish-trap whilst engaged in cable-work in the Sea of Oman between the 21st and 29th October last, and presented by him to the British Museum. The collection, small as it is, is a valuable one, as extending our knowledge of the distribution of the deep-sea fishes of the Arabian Sea and as containing examples of an undescribed form which requires the establishment of a new genus.

1. *Scopelus pyrsobolus*, Alcock.

A single specimen.

Lat. 24° 49' N., long. 56° 56' E., 225 fathoms.

2. *Harpodon squamosus*, Alcock.

Several specimens.

Lat. 25° 24' N., long. 57° 27' E., 230–243 fathoms.

3. *Uroconger lepturus*, Richards.

Several specimens.

Lat. 23° 56' N., long. 58° 5' E., 142 fathoms.

Lat. 24° 5' N., long. 57° 35' E., 205 fathoms.

Lat. 24° 21' N., long. 57° 5' E., 170 fathoms.

4. *Epinephelus præopercularis*, Blgr.

A single specimen.

Lat. 24° 21' N., long. 57° 5' E., 176 fathoms.